If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

C-A OPERATIONS PROCEDURES MANUAL

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Text Pages 2 through 3

Hand Processed Changes

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		Collider-Accelerator Department Chairman			hairman	Date

M. Wiplich

12.20 11DH02 Lockout Tagout Form

1. Purpose

The purpose of this procedure is to define the sequence of activities required to lock out/tag out the 11DH02 Magnet Power Supply.

2. Responsibilities

It is the responsibility of the person or persons executing this procedure to observe all safety rules.

3. <u>Prerequisites</u>

The person or persons executing this procedure shall have all formal training required of a TVDG Operator.

4. **Precautions**

Refer to <u>Lockout-Tagout</u> for general information on Lockout-Tagout at the TVDG.

- 4.1 Insure that no target is used that is capable of generating beams of mass under 12.
- 4.2 No beam of mass under 12 is permitted in the TtB beam line.
- 4.3 The accelerator terminal charging current limitation as well as stripping and transport efficiencies presently preclude beam powers, even under fault conditions, in excess of 200 watts.

5. **Procedure**

<u>Checklist</u> (when indicated by "___", initial step upon completion)

Note 1:

This form is to be attached to the Lockout Tag to be used for locking out and tagging out the 11DH02 Magnet Power Supply any time the facility is not in Pulse/TtB mode.

Note 2: The Lockout Tag can't be removed until all items below are completed and signed off.
5.1 Verify that the Ion Source is wired for Pulse Beam.
5.2 Beam specie verified as(ion) at MeV
5.3uA.
Verify that TtB areas have been swept and secure and that zones are set.
Verify that MP-7 HE Neutron and Gamma Monitors are located at 11DH01 Object Slits.
Verify that the Checklist for the TtB Radiation Safety System Semi-Annual Test has been done within the past 6 months.
5.7 Supervisor Approval: Date:
Documentation
Completed checklist shall be maintained in the TVDG Control Room.
Dofowanaas

7. References

6.

Lockout-Tagout

8. Attachments

None